

### ABSTRACT OF THE DISCLOSURE

A ceramic heat conductor support disc for supporting an electrical heating element for electrically heated furnace installations. The support disc has a center aperture lying parallel to the longitudinal axis of the heating element, and one or more apertures located between the center aperture and the periphery of the disc. The disc is provided with one or more elongated openings running from the periphery to one of the apertures or to the center aperture, wherein each elongated opening penetrates the entire thickness of the disc.